

**BOX AF**

DOCKET NO.: ISIS-0025

PATENT

180  
9/13/92  
1/23/92

RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE EXAMINING  
GROUP NO. 1804



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

To Exmr.  
5/1/23/92  
ECW

In re application of:

Cook et al.

Serial No.: 566,977

Group Art Unit: 1804

Filed: August 13, 1990

Examiner: D. Crouch

For: SUGAR MODIFIED OLIGONUCLEOTIDES THAT  
DETECT AND MODULATE GENE EXPRESSION

Box AF

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:



AMENDMENT AND RESPONSE

Enter.  
dc  
1-28-92

The Examiner's Office Action of October 23, 1991 has been carefully considered and a reply prepared.

Please amend the above-identified application, without prejudice, as follows:

In the Claims:

B1

13. A method for modulating the production of a protein [by an organism] comprising contacting [the organism] a selected sequence of RNA or DNA coding for a selected protein with an oligonucleotide or oligonucleotide analog having a sequence of nucleotide bases specifically hybridizable with [a] said selected sequence of RNA or DNA coding for said protein, and having at least